

CLAIM AMENDMENTS

Please amend the application by adding the following new claims 57-64, which are fully underlined in accordance with reissue and reexamination procedure:

57. An intraluminal catheter for percutaneous insertion and transluminal advancement into a patient's vasculature, the catheter having a shaft comprising:

- a) a proximal shaft portion formed at least in part of an extruded thermoplastic polymeric material with an elongation greater than 50% and a tensile modulus greater than 400,000 psi; and
- b) a distal shaft portion that is more flexible than the proximal shaft portion.

58. The catheter of claim 57, wherein said extruded thermoplastic polymeric material comprises a polyetheretherketone.

59. The catheter of claim 57, wherein said extruded thermoplastic polymeric material has an elongation greater than about 60%.

60. The catheter of claim 59, wherein said extruded thermoplastic polymeric material comprises a polyetheretherketone.

61. The catheter of claim 59, wherein said extruded thermoplastic polymeric material has a tensile strength greater than 10,000 psi.

62. The catheter of claim 61, wherein said extruded thermoplastic polymeric material comprises a polyetheretherketone.

63. The catheter of claim 59, wherein said extruded thermoplastic polymeric material has a tensile strength greater than 14,000 psi.

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Amendment B dated December 22, 2005

64. The catheter of claim 63, wherein said extruded thermoplastic polymeric material comprises a polyetheretherketone.